

USSR/Cultivated Plants. Technical Plants. Oil and M  
Sugar Bearing Plants.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68265

Author : Roshetnikov, F. I., Kryshina, G. I.

Inst : -

Title : The Effectiveness of Liquid Ammonia Fertilizers  
during the Vegetation Period in Cotton.

Orig Pub : Sots. s. Kh. Uzbekistana, 1957, No 6, 17-18

Abstract : On the basis of a field experiment conducted  
at the sovkhos ineni Fifth Anniversary in the  
UzSSR, it was determined that liquid ammonia  
is completely absorbed by the soil at the place  
of application. This fact makes it possible to  
apply it in the early period of the plant's  
development at a distance of 15-22 centime-  
ters from the row. Liquid ammonia had no ne-

Card : 1/2

USSR/Cultivated Plants. Technical Plants. Oil and M  
Sugar Bearing Plants.

Abs Jour : Ref Zhurn-Biol., No 15, 1958, 68265

gative effects on the cotton-ball formation  
or on the yield of raw cotton.

Card : 2/2

114

KIZNETSOV, N., general-major aviatsii; KRYSHKEVICH, I., polkovnik

On terrestrial orbits. Av. i kosm. 48 no.10:49-53 0 '65.  
(MIRA 18:11)

RYABCHENKO, A. (poselok Tomilino, Moskovskoy oblasti); DEMENT'YEV, G.  
(Murmansk); RIZUN, I. (Dnepropetrovsk); KRYSHKIN, I. (g.Kasimov,  
Ryazanskoy oblasti)

Exchange of experience. Radio no. 11:49 N '60. (MIRA 14:1)  
(Television)

L 13836-66 EWT(m)/EWP(j) DIAAP RM  
ACC NR: AP6002681

SOURCE CODE: UR/0048/65/029/012/2247/2249

AUTHOR: Korotkov, K.A.; Kryshkin, V.I.

ORG: Voronezh State University (Voronezhskiy gosudarstvennyy universitet)

TITLE: Investigation of internal bremsstrahlung accompanying beta decay of phosphorus-32 with a three-crystal scintillation spectrometer (Transactions of the Fifteenth Annual Conference on Nuclear Spectroscopy and Nuclear Structure held at Minsk 25 January to 2 February 1965)

SOURCE: AN SSSR, Izvestiya. Seriya fizicheskaya. v. 29, no. 12, 1965, 2247-2249

TOPIC TAGS: bremsstrahlung, beta decay, phosphorus, scintillation spectrometer, Compton effect, spectral energy distribution,

ABSTRACT: The authors have continued the investigation of the internal bremsstrahlung from  $P^{32}$ , the initial stages of which were reported in the preceding paper by K.A. Korotkov and A.P. Shumoyko (Izv. AN SSSR Ser. Fiz., 29, 2243 (1965)/ see Abstract AP6002680/). In the present work with the two-crystal scintillation Compton spectrometer described in the preceding paper was employed to detect and measure the energy of the internal bremsstrahlung; the spectrometer was provided with a third channel, however, and only triple coincidences between the Compton electron, the Compton scattered photon, the beta particle were recorded. The beta channel employed a 7 mm thick tolan scintillator which was so mounted as to record beta particles emitted at

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ACC NR: AP6002681

right angles to the direction of the internal bremsstrahlung photon. The triple coincidence technique has the following advantages over the double coincidence technique employed in the earlier work; differential spectra can be recorded; it is not necessary to know the absolute intensity of the source; no correction for external bremsstrahlung is required; larger solid angles can be used; and the background due to the continuous Compton distribution accompanying the total gamma-ray absorption line is completely avoided. The counting rate is low, however. The spectrometer was calibrated twice daily with gamma rays from the aid of  $\text{Co}^{60}$  and  $\text{Zr}^{95} + \text{Nb}^{95}$  sources, and it remained stable within 1% during the measurements. The  $\text{P}^{32}$  source was prepared by evaporating a  $\text{Na}_2\text{HPO}_4$  solution in a 2.5 mm diameter 3 mm high Plexiglas cylinder with 0.5 mm wall thickness and was mounted on between the two scintillators of the Compton spectrometer at a distance of 2 cm from one scintillator and 6.5 cm from the other. The tolane crystal for detecting beta particles was located 4 cm from the source. The intensity of the source was  $1.17 \times 10^6$  decays/sec; it was shielded on two sides with  $1.025 \text{ g/cm}^2$  disks of beryllium to avoid accidental coincidences due to beta particles. The accidental coincidence rates were determined by introducing delay lines into different inputs to the coincidence circuit and correction was made for them. The internal bremsstrahlung spectrum was recorded over the photon energy range from 300 to 1600 keV. At photon energies below 900 keV, the measurements are in good agreement with the theory of J.K.Knipp and O.E.Uhlenbeck (Physica, 3, 425, (1936)) as corrected for the Coulomb effect by R.R.Lewis and G.W.Ford (Phys.Rev., 107, 756 (1957)) and S.B.Nilsson (Arkiv fys., 10, 467 (1956)). At higher energies the measured internal bremsstrahlung intensity is considerably greater than the theoretical.

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L 13836-66

ACC NR: AP6002681

The present results are in good agreement with those of B. Persson (Nucl. Phys., 55, 49 (1964)) over the energy range (to 1200 keV) to which the latter extend. Orig. art. has: 2 figures.

SUB CODE: 181

SUBM DATE: none ORIG. REF: 001

OTH REF: 004

PC

Cord 3/3

KRYSHMARY

RUMANIA / Zooparasitology. Parasitic Worms.

G-2

Abs Jour : Ref Zhur - Biol., No. 8, 1958, No 33970

Author : Unguryanu, Ionescu, Boindzhanu-Dranga, Boldesku, Kryshmary,  
Khutsu

Inst : Not given

Title : The Problem of Helminth Control in Farm Districts. --  
K voprosu o borbe s gelmintozami v selskoy mestnosti.

Orig Pub : Bul. stiint. Acad. RPR. Sec. med., 1956, 8, No. 4,  
1013-1034.

Abstract : No abstract.

Card 1/1

KRYSHNEVSKIY, V..master sports.

Shooting with a large caliber rifle. Voen.znan. 34 no.4:24-25  
Ap '58. (MIRA 11:4)  
(Rifle practice) (Shooting)

Mining Industry and Finance

Determining the waste limit of ore mine reserves, Gor. zhur., no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 195~~8~~<sub>2</sub>, Uncl.

KRYSHOVA, V. I.

"Glieb Anatolievich Bonch-Osmolovsky as biologist." (p. 1) by V. A. Kryshova

SO: Journal of General Biology Vol. 5, No. 1, 1944

KRYSHOVA, N. A.

N. A. Kryshova: "Certain peculiar characteristics of sleep in man and their hereditary nature of transference." (p. 297)

SO: Journal of General Biology Vol. 7, No. 4, 1944

KRYSHEVA, N.A. and PANYUTINA, S.M.

Treatment of contractures with novocaine block.

American Review of Soviet Medicine, New York 1947, 4/3 (198-200)

Astvatsaturov distinguishes mechanical, trophic and reflex- (of sympathetic or psychogenic origin) contractures as well as antagonistic and analgic varieties. They occur after injuries to nerves, muscles, etc. and after surgical manipulations (including setting and plaster cast). They are demonstrated when methods producing Marie-Foix, Leri and Mayer defensive reflexes are applied. Repeated novocaine block of the affected joint improves the condition; the effects appears after 12-15 days

De Vet - Wassenaar

SO: Excerpta Medica, Neurology and Psychiatry Section VIII, Vol I, No 11

KRYSHOVA, N. A.

Kryshova, N. A., Pratusovich, R. M., and Romanenko, N. M.  
"Clinical-epidemiological data on acute poliomyelitis in  
Leningrad during 1945", Sbornik nauch. trudov (N-vo  
zdravookhraneniya RSFSR. Resp. nauch.-issled. in-t  
vosstanovleniya trudosposobnosti fiz. defektivnykh detey  
im. prof. Turnera), Leningrad, 1948, p. 99-111, - Bibliog: 8 items.

SC: U - 3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

KRYSHOVA, N. A.

Kryshova, N. A. and Zelenina, Ye. V. "Injuries to the nervous system of children who have suffered wartime trauma", Sbornik nauch. trudov (M-vo zdravookhraneniya trudosposobnosti fiz. defektivnykh detey in. prof. Turnera), Leningrad, 1948, p. 256-63.

SO: U - 3042, 11 March 53, (Letopis "Zhurnal "nykh Statey, No. 7, 1949)

KRYSHOVA, N. A.

Kryshova, N. A. and Iretusevich, R. M. "Changes in the nervous system with congenital toe-in", Sbornik nauch. trudov (M-vo zdavookhraneniya RSFSR. Resp. nauch. trudov (M-vo zdavookhraneniya RSFSR. Resp. nauch.-issled. in-t vosstanovleniya trudosposobnosti fiz. defektivnykh detey im. prof. Turnera), Leningrad, 1948, p. 328-44, -Bibliog: 8 items.

SO: U -3042, 11 March 53, (Letopis "Zhurnal "nykh Stetey, No. 7, 1949)



KRYSHOVA, M.A.; PRATUSEVICH, B.M.

Significance of Pavlov's teaching in pediatrics and especially in  
child neuropathology. Vopr.pediat. 18 no.6:3-6 1950. (CIAM 20:5)

1. Leningrad.

**KRYSHOVA, N. A.**

Dimedrol therapy of diseases of the Nervous system. Nevropat.  
psikhiat., Moskva 19 no.4:65 July-Aug. 1950 (CML 20:1)

1. Of the Neuropsychiatric Hospital of Sverdlovskiy Rayon,  
Leningrad (Head Physician -- M. M. Suslova).

KARAPETYAN, Ye.A.; KRYSHOVA, N.A., zaveduyushchaya.

Role of the protective sleep inhibition in narcolepsy and other forms of  
sleep pathology. Trudy Inst.fiziol. 1:381-393 '52. (MIRA 6:8)

1. Sektor organicheskikh nervnykh rasstroystv. (Sleep)

KRAYEVSKIY, Yu.M.; KRYSHOVA, N.A., zaveduyushchaya.

Changes in the activity of the cerebral cortex in connection with protective sleep inhibition in patients with cortical and subcortical injuries. Trudy Inst.fiziol. 1:394-405 '52. (MLBA 6:8)

1. Sektor organicheskikh nervnykh rasstroystv.  
(Brain--Wounds and injuries) (Sleep)

KRYSHOVA, N. A; FLIGEL'MAN, P. M; AKATOV, M. Y.

Treatment with dibazol of the residual stage of poliomyelitis.  
Zh. nevropat. psikhiat., Moskva 52 no.4:42 Apr 1952, (CLML 22:2)

1. Of the Scientific-Research Institute imeni T. I. Turner (Director -- M. N. Goncharov).

ANDREYEV, B.V.; KARAPETYAN, Ye.A.; MAYOROV, F.P., zaveduyushchiy; KRYSHOVA, N.A., zaveduyushchaya.

Peculiarities of nocturnal sleep in narcolepsy according to data obtained by the activity recorder. Trudy Inst.fiziol. 1:376-380 '53. (MLRA 6:8)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (for Mayorov and Andreyev). 2. Sektor organicheskikh nervnykh rasstroystv (for Kryshova and Karapetyan). (Sleep)

KRISHOVA N. A. and MASHKOVSKIY M. D.

4947. KRISHOVA N. A. and MASHKOVSKIY M. D. • Pharmacological properties and therapeutic use of a new drug, pachykarpin. (Russian text) SOVZTSK.MED. 1953, 2 (36-38)

The ganglion depressant action of pachykarpin, a new alkaloid, isolated from *Scaphura* and *Thermopsis lanceolata* is described. It has low toxicity, 10 mg./kg. in rabbits and dogs being well-tolerated. These doses cause a slowing of the pulse rate, lengthening of the P-Q interval in the ECG and slowing of impulse conduction. The drug depresses conduction through vegetative ganglia without previous excitation. Sympathetic ganglia especially are affected. A striking stimulant effect on uteri in situ and isolated was observed. Experiments with conditioned reflexes show that the alkaloid increases protective inhibition processes in the brain. The effects of extensive clinical trials are reported. The drug was found useful for various endarteritic states, especially spastic forms. Myopathic cases also improved. In obstetrics the drug stimulates labour. It does not affect the blood pressure, which makes it more useful than posterior pituitary extract. It may also be given to patients with nephrotoxic changes, but should not be used during pregnancy.

Raškova - Prague

SO: Excerpta Medica, Section II, Vol 7, No 9

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910010-4

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R000826910010-4"

MAKHOVSKIY, M.D.; KRYSHOVA, N.A.

Pharmacological properties and application of a new drug: pachycarpine.  
Sovet. med. 17 no.2:36-38 Feb 1953. (OLML 24:2)

1. Professors. 2. Of the All-Union Scientific-Research Pharmaceutical  
Chemistry Institute imeni S. Ordzhonikidze, Moscow and of the Institute  
of Physiology imeni I. P. Pavlov of the Academy of Sciences USSR, Leningrad.

1. KRYSHOVA, N. A.
2. USSR 600
4. Nervous System - Diseases
7. Application of the method of protective inhibition in the clinic for organic injuries of the nervous system, Zhur. nerv. i psikh, 53, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KRYSHOVA, N.A.; ZHILINSKAYA, M.A.; KOVALENKOV, K.M.; BYCHENKOVA, Ye.A.  
(Leningrad)

Use of Russian curare-like agents in clinical neurological diseases. Zhur. nevr. i psikh. 54 no.7:579-582 J1 '54. (MLRA 7:7)  
(MUSCLE RELAXANTS, therapeutic use,  
\*nervous system dis.)  
(NERVOUS SYSTEM, diseases,  
\*ther., muscle relaxants)

KRYSHOVA, N.A.; KOK, Ye.P.; SMIRNOV, V.M.

Clinical physiological investigation of aphasia. Zhur. nevr. i psikh.  
54 no.12:979-986 D '54. (MLRA 8:2)

1. Institut fiziologii imeni I.P.Pavlova AN SSSR.

(APHASIA, physiology,

conditioned & unconditioned funct.)

(REFLEX, CONDITIONED,

in aphasia)

(REFLEX,

unconditioned in aphasia)

BYKOV, K.M., akademik, redaktor; MAYOROV, F.P., redaktor; DAVIDENKOV, S.N., redaktor; KHYSHOVA, N.A., redaktor; FEDOROV, V.K., redaktor; TARASOV, G.A., redaktor; SMIRNOVA, A.V., tekhnicheskiiy redaktor.

[Pavlov's "Wednesday clinics"; transcription of sessions of the neurological and psychiatric clinics] Pavlovskie klinicheskie sredi; stenogrammy zasedanii v nervnoi i psikhiatricheskoi klinikakh. Moskva, Vol.2, 1934, 1955. 579 p. (MLRA 8:12)

1. Akademiya nauk SSSR, Institut fiziologii imeni I.P.Pavlova.  
(NEUROLOGY) (PSYCHIATRY)

EXCERPTA MEDICA Sec 8 Vol 9/9 Neurology Sept '56

3647. KRYSHKOWA N. A., KOK E. P. and SMIRNOW W. M. Pawlow-Inst., Akad. der Wissenschaft. d. UdSSR. •Klinisch-physiologische Untersuchungen der Kranken mit Aphasie. Clinical physiological examinations of patients with aphasia PSYCHIAT. NEUROL. U. MED. PSYCHOL. 1955, 7/9 (261-266) Tables 3

(1) The non-conditioned and the conditioned reflexes in the first signal system were fundamentally present in the examined patients and met the required conditions. (2) The weakness of the conditioned reflexes, which was mainly connected with the 1st signal system, is not specific for aphasia. (3) Even in patients with gross speech deficiency, the 2nd signal system is not destroyed. The functional systems which have formed owing to the organizing function of the word, have been preserved. The same applies to the experience gathered in life on account of the co-operation of the signal systems. (4) In all the 14 patients, the disturbances of the higher nervous activity mainly affected the speech-kinaesthetic analyser; in 2 also the speech-acoustic and in 1 the speech-optic analyser. (5) For the examination of the functional conditions of the damaged speech analysers, special clinical and physiological methods and a special technique are necessary. One of these may be dermoalex, which is used for the study of the speech-kinaesthetic synthesis analy-

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ser. With this method, in motor aphasia, the speech-kinesthetic synthesis analyser discloses marked difficulty in the formation of new associations, a very marked inertia of the provocation of response and a weakness, that becomes apparent when constructing sentences. Consequently, dermolexy is a method which reflects objectively the specific aspect of the disturbance of the higher nervous activity in motor aphasia.

Authors

GONCHAROVA, M.N., professor; ~~KRYSHOVA, M.A.~~, professor; LYANDERS, Z.A.,  
doktor meditsinskikh nauk; LEVIN, I.M., kandidat meditsinskikh nauk;  
GOLOVINSKAYA, N.V., landidat meditsinskikh nauk; POLONSKIY, M.N.,  
kandidat meditsinskikh nauk; GLOTOVA, Ye.I., kandidat meditsinskikh  
nauk; ZELENINA, Ye.V., kandidat meditsinskikh nauk

Treatment of children with aftereffects of poliomyelitis. Vop.okh.  
mat. i det. 1 no. 1:43-52 Ja-F '56. (MLRA 9:9)

1. Iz Nauchno-issledovatel'skogo detskogo ortopedicheskogo  
instituta imeni G.I.Turnera, Leningrad.  
(POLIOMYELITIS)

KRYSHOVA, N.A., professor; PRATUSEVICH, R.M.

Work of the diagnostic department in the poliomyelitis hospital.  
Vop.okh.mat. i det. 1 no.1:52-56 Ja-Y '56. (MLBA 9:9)

1. In Nauchno-issledovatel'skogo pediatricheskogo instituta (dir.-  
prof. A.L.Libov) Leningrad.  
(POLIOMYELITIS)

BYKOV, K.M., akademik, otvetstvennyy red.; MAYOROV, F.P., zastitel'  
otvetstvennogo red.; DAVIDENKOV, S.N., red.; KRYSHOVA, N.A., red.;  
FEDOROV, V.K., red.; TARASOV, G.A., red. izdatel'stva; SMIRNOVA, A.V.,  
tekh. red.

[Pavlov's "Wednesday clinics": transcriptions of sessions of the  
neurological and psychiatric clinics] Pavlovskie klinicheskie sredy;  
stenogrammy sasedanii v nervnoi i psikhiatricheskoi klinikakh.  
Moskva. Vol.3. (1935-1936). 1957. 492 p. (MIRA 10:12)

1. Akademiya nauk SSSR. Institut fiziologii imeni I.P.Pavlova.  
(NERVOUS SYSTEM--DISEASES)

USSR/Human and Animal Physiology - The Nervous System.

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Abs Jour : Ref Zhur Biol., No 3, 1959, 13257

Author : Kryshova, N.A., Kok, Ye.P., Kononov, M.N.,  
Ozeretskoy, N.G.

Inst : -

Title : Higher Nervous Activity in Myopathy and Dynamics of  
Trophic Disturbances of the Muscles

Orig Pub : V sb.: Ucheniye N.Ye. Vvedenskogo v klinich. praktike.  
Odessa, 1957, 99-105

Abstract : In 68 cases of progressive muscular dystrophy there  
was a contraction of the unchanged and hypertrophic  
muscles and a persistent elongation of chronaxia  
(or absence of galvanic stimulation) on the atrophic  
muscles. In a number of cases when there was no  
tendon reflex, there was a heterochronia of the nerve  
and muscle; in 5 cases restoration of isochronia

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USSR/Human and Animal Physiology - The Nervous System.

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Abs Jour : Ref Zhur Biol., No 3, 1959, 13257

corresponded to restoration of the tendon reflex as  
a result of therapy. In the investigation in 45 pa-  
tients of conditioned motor reactions with verbal  
support there was observed a weakening of the basic  
cortical processes (slow formation, instability of  
positive and inhibitory conditions of the reaction,  
disturbance of mobility and strength of the condition).  
Treatment with bismuth carbonate, pachycarpine, or  
glutamic acid enhanced the cortical neurodynamics and  
trophicity of the muscles. -- K.S. Ratner

Card 2/2

Kryshova, N.A.

Country: USSR  
 Category: Brain and Central Physiology, Nervous System,  
 Higher Nervous Activity, Behavior.  
 The Jour: Med Biol., 1977, 19, 199, 9928  
 Author: Gaidar, L.S.; Kozlov, A.S.; Kozlov, A.V.;  
 Bogdan, A.S.; Kryshova, N.A.  
 Inst: -  
 Title: Aphasia as a Result of Brain Injury.  
 Orig Pub: Zh. Vyssh. Nerv. Aktiv., 1977, 7, 4, 213-214  
 Abstract: In fifty patients with closed injuries of the brain,  
 diagnosed as isolated lesions of the brain, aphasia  
 (AI) in the early post-traumatic period was observed.  
 The aphasia was observed, which is characterized by a  
 positive inhibition. Aphasia of the early post-traumatic  
 patients with various degrees of damage of the right

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and left hemispheres. In injuries of the lower  
 brain stem, aphasia of AI was observed on the side  
 of the lesion bilaterally. Simultaneous of  
 AI revealed not only from damage of the corresponding  
 hemisphere but also in general cerebral manifesta-  
 tions, conditioned by disturbance of the adaptational  
 and trophic effects of the sympathetic nervous  
 system upon the C.B.S. -- S.S. Kozlov

Out: 2/2

KRYSHOVA, A.A.

Country : USSR  
Category : Human and Nat. Sci. Psychology, Nervous System,  
Higher Nervous Activity, Behavior  
The Jour: MEDICAL, 8 1/2, 1950, 8p289  
Author : GOL'DENBERG, M.I.; ZILBERMAN, A.M.; ZILBERMAN, E.M.;  
ZILBERMAN, J.J.; RYKOVA, A. N.; ZILBERMAN, E.M.  
East :  
Title : The threshold of sensitivity and its changes in the  
Peristalsis  
Orig Pub: Zh. Vrach. Nerv. Depolneti, 1951, 7, N. 4, 289-294.  
Abstract: The fullness was observed in 50 patients with  
stomach with average duration of their illness of  
ten years: 1) elevation of the threshold in all  
the investigated patients and their sensitivity;

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7-1029

2) paradoxical sensitivity in the gustatory  
analysis; 3) the appearance (in the tactile and  
thermal) and prolongation (in the optic analysis)  
of the latent period of the appearance of after-  
images (4); 4) inconsistency of all, and, frequently,  
prolongation of their duration; 5) more frequent  
appearance and greater quantity of secondary  
than in normal; 6) apparent increase in the  
of the duration of the stimulation; 7) the  
simultaneous occurrence of all the above-mentioned  
changes in the form of 4-10-11.

Card : 2/3

A relationship between the sensory disorders and  
the severity of the illness was noted. -- M.I.  
Lefim

Card : 3/3

7-1029

GORIANOVA, T.T.; DMITRIYeva, A.F.; ZHILINSKAYA, M.A.; KRYSHOVA, N.A.; PFRVOV,  
L.G.; TOISTOVA, T.I.

Clinical and physiological data on some forms of internal inhibition  
in neurasthenics and hysterics. Trudy Inst. fiziol. 7:72-77 '58.  
(MIRA 12:3)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy  
(sav. - N.A. Kryshova) Instituta fiziologii im. I.P. Pavlova AN SSSR.  
(NEUROSES) (INHIBITION)

DMITRIYEVA, A.F.; ZHILINSKAYA, M.A.; KRYSHOVA, N.A.; PERVOV, L.G.

Determining types of the higher nervous activity in neurotics.  
Trudy Inst. fiziol. 7:106-113 '58. (MIRA 12:3)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy  
(sav. - N.A. Kryshova) Instituta fiziologii im. I.P. Pavlova AN  
SSSR.

(NEUROSES)

KOK, Ye. P.; KRYSHOVA, N.A.

Relationship between the dynamics of the higher nervous activity and the inconstancy of speech disorders in aphasia; principles underlying some therapeutic practices. Trudy Inst. fiziol. 7:159-165 '58. (MIRA 12:3)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy (sav. - N.A. Kryshova). Instituta fiziologii im. I.P. Pavlova AN SSSR.

(APHASIA)

KRYSHOVA, N.A.

Dynamic test of the hand (thalamic hand) for detection of lesion  
of the optic thalamus. Nauch.sob. Inst. fiziol. AN SSSR no.1:  
98-99 '59. (MIRA 14:10)

1. Sektor nervozov i organicheskikh zabolevaniy nervnoy sistemy  
(zav. - N.A.Kryshova) Instituta fiziologii imeni Pavlova AN SSSR.  
(OPTIC THALAMUS)

KRYSHOVA, N.A.

Disorder in the spinal cord development as one of the predisposing causes of the degree and side of inflammation in poliomyelitis.  
Nauch. soob. Inst. fiziol. AN SSSR no.1:100-101 '59. (MIRA 14:10)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy (zav. - N.A.Kryshova) Instituta fiziologii imeni Pavlova AN SSSR.  
(POLIOMYELITIS) (SPINAL CORD)

KRYSHOVA, N.A.

Study of the cortical processes in myopathy and therapeutic methods  
in relation to it. Sbor. trud. Len. nauchn. ob-va nevr. i psikh.  
no.6:120-127 '79. (MIRA 13:12)

1. Sektor nervnykh bolezney Instituta fiziologii imeni I.P.Pavlova  
Akademii nauk SSSR (direktor - akademik Bykov, K.M. [deceased]).  
(MUSCLES—DISEASES) (REFLEXES)

KRYSHOVA, N.A.

Use of some new drugs in the clinic for nervous diseases. Trudy  
Gos. nauch.-issl. psikhonevr. inst. no.20:383-394 '59.  
(MIRA 14:1)

1. Institut fiziologii Imeni I.P.Pavlova, Leningrad.  
(NERVOUS SYSTEM DISEASES) (DRUGS)

BAZHENOVA, K.M., kand.med.nauk; GARVIN, L.I., dotsent; KALASHNIKOV, B.P.,  
 prof.; KARASIK, V.M., prof.; K'YANDSKIY, A.A., prof.; KRYSHOVA, N.A.,  
 prof.; LOPOTKO, I.A., prof.; MASHLAKOVA, P.V., vrach; MYSSEL', M.A.,  
 kand.med.nauk; PUNIN, B.V., prof.; ROZHDESTVENSKIY, V.I., doktor med.  
 nauk; ROMANOVSKAYA, V.K., vrach; SOSNYAKOV, N.G., prof.; TUR, A.F.,  
 prof.; TUSHINSKIY, M.D., prof.; FILIPCHENKO, Ye.M., kand.med.nauk;  
 KHROMOV, B.M., prof.; TSURINOVA, Ye.G., doktor med.nauk; SHRAYBER, M.G.,  
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Report submitted to the 7th International Congress of Neurology,  
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AN SSSR (dir. - akad. V.N. Chernigovskiy) i Institut mozga  
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Examination of healthy parents of patients with progressive muscular atrophy. Vop. psikh. nevr. no.10:108-120 '64.

(MIRA 18:12)

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KRYSHTAB, G. S.

"Development of a Compressed-Gas, Electrostatic Accelerator and Investigation of Those Properties Determining Its Basic Parameters," by G. S. Kryshstab, Institute of Physics, Academy of Sciences Ukrainian SSR, Ukrainskiy Fizicheskiy Zhurnal, Vol 1, No 4, Oct/Dec 56, pp 313-322

"A compressed-gas, 2.5-Mev electrostatic accelerator was designed, built and put in operation in 1953 at the Institute of Physics, Academy of Sciences Ukrainian SSR. The accelerator is used as a neutron source.

"The ion source is of latest design in its application of electron oscillations in a magnetic field. The source delivers gas at the rate of 3.5 cm<sup>3</sup>/hr at 200 microamperes.

"The device for investigating the operating conditions of the ion source ensures complete reproduction of operating conditions of the source in the accelerator because its essential elements were designed from focusing calculations based on a method proposed by Elkind for three-element systems (Rev Sci Instr, 24, 21 and 29, 1953).

"The accelerating tube is of latest design and has a length of 24 meters and an accelerating voltage of 2,500 kv. The electrodes are cone-shaped and generate a uniform field along the axis...."

"Bremsstrahlung which arises in the accelerating tube has considerable intensity, increases sharply with an increase in accelerating voltage, and corresponds to stopping of electrons with energies less than 2.5 times the energy of the accelerated electrons." (U)

SUM. 1760

PHASE I BOOK EXPLOITATION

SOV/4012

Akademiya nauk Ukrainskoy SSR. Otdeleniye fiziko-matematicheskikh nauk.  
Sessiya po mirnomu ispol'zovaniyu atomnoy energii

Trudy (Transactions of the Session on Peaceful Uses of Atomic Energy), Kiyev,  
Izd-vo AN Ukrainskoy SSR, 1958. 188 p. 2,500 copies printed.

Resp. Ed.: M. V. Pasechnik, Doctor of Physics and Mathematics; Editorial Board:  
A. K. Val'ter, Academician, Academy of Sciences Ukrainskaya SSR, O.F. Nemets,  
Candidate of Physics and Mathematics, M. V. Pasechnik, Doctor of Physics and  
Mathematics; Ed. of Publishing House: T. K. Remennik; Tech. Ed.:  
N. P. Rakhlina.

PURPOSE: This collection of articles is intended for physicists and scientific  
personnel working in nuclear research.

COVERAGE: The articles in this collection discuss linear proton accelerators,  
electron accelerators, electrostatic accelerators, magnetron lenses, the  
interaction of charged particles and neutrons with nuclei, the applications  
of tagged atoms in physics research, and experimental methods. Some of the  
articles are descriptions of already existing nuclear installations and ex-  
perimental apparatus. No personalities are mentioned. There is a bibliog-  
raphy of Soviet and non-Soviet sources at the end of most of the articles.

Card 1/6

Transactions of the Session (Cont.)

80V/4012

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SOV/4012

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30V/58-59-12-26888

Translation from: Referativnyy zhurnal. Fizika, 1959, Nr 12, p 55 (USSR)

AUTHORS: Batalin, V.A., Kopytin, N.S., Kryshab, G.S., Pasechkin, M.V.,  
Strizhak, V.I.

TITLE: On the Transverse Cross-Sections of Non-elastic Scattering of  
Fast Neutrons 79

PERIODICAL: Tr. Sessii AS UkrSSR po mirn. ispol'zovaniyu atomn. energii.  
Kiyev, AS UkrSSR, 1958, pp 102 - 106

ABSTRACT: The cross-section of a non-elastic scattering of 2.5, 3.3 and  
4.1 Mev neutrons from medium and heavy nuclei (from Na to Bi)  
was measured by the transmission through thin spherical layers  
method. The D (d,n) He<sup>3</sup> reaction served as the neutron source,  
a low-voltage accelerator and an electrostatic generator were  
used to accelerate the deuterons. P<sup>31</sup>, Ar<sup>27</sup> and S<sup>32</sup> were used  
as neutron detectors, since the threshold of (n,p) reactions  
with them is near the energy of the source neutrons. It is  
established that the cross-sections of non-elastic scattering of  
neutrons increase smoothly for all nuclei, except "magic" ones,

Card 1/2



30V/58-59-12-26888

On the Transverse Cross-Sections of Non-Elastic Scattering of Fast Neutrons  
at 2.5 to 4.1 Mev, with an increase in the atomic number. In the case of  
"magic" nuclei, the non-elastic scattering cross-section is considerably less  
than those of the nearby nuclei. Considerable anomalies are observed in the  
cross-sections of non-elastic scattering in heavy nuclei, which decrease with  
an increase in the neutron energy.

I.P. Sadikov



Card 2/2

NAZARENKO, Oleg Kuz'mich; KRYSHTAB, G.S., kand. fiz.-mat. nauk,  
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Probl.stom. 4:279-282 '58. (MIRA 13:6)  
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KRYSHTAB, S.I., dotsent (Kiyev)

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[Holovniak, L.P.], red.; OKOPNA, O.D., tekhn.red.

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TYVANCHUK, D.P., inzhener; MULYUKIN, F.P., retsenzent; TYVERSKOY, K.N.,  
retsenzent; BABKIN, A.P., redaktor; KRYSHAL', L.I., redaktor  
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[Planning major railroad overhauling] Planirovanie kapital'nogo  
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Grain

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2. Direktor pavil'ona (for Sviridenko)  
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SVIRIDENKO, V.V.; KRYSHTELEVA, M.S.; SKOBKIN, S.G., otv.red.; FEL'DMAN,  
Ye.V., red.; MATVEYEV, A.P., tekhn.red.

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(Caucasus, Northern--Agriculture)

KRYSHTALEVA, M.S., kand. sel'skokhoz. nauk

Make wider use of possibilities for increasing the production and  
improving the quality of grain. Zemledelie 7 no.8:12-16 Ag '59.  
(MIRA 12:10)

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(Grain)

KRYSHTELEVA, M.S., kand.sel'skokhoz.nauk; KORDO, T.V., agronom

All-Union survey of new grain, oat, and pulse crop varieties.  
Zemledelie 8 no.11:76-79 N '60. (MIRA 13:10)  
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KRYSHTALEVA, M.S.

Exhibition "For 10-11 billion pounds of grain in a year." Zemledelie  
23 no.1:61-66 Ja '61. (MIRA 13:12)  
(Grain--Exhibitions)

KHYSHTALEVA, M.S.

Increasing the production of forage beans. Zemledelie 24 no.4:  
73-79 Ap '62. (MIRA 15:4)

1. Glavnyy metodist pavil'ona "Zerno" na Vystavke dostizheniy  
narodnogo khozyystva.

(Beans)

KRYSHTALEVA, M.S.

"Grain" Pavilion. Zemledelie 24 no.8:76-82 Ag '62. (MIRA 15:9)

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KRYSHTELEVA, M.

Good quality seeds for spring. Inform.biol. VDNKH no.4:31-32 Ap '65.  
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Creators of valuable varieties. Inform. biul VDNKH no.12:27-29  
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KUCIAK J.

Zakrzewski, K., Inst. hematol., Warszawa. \*Biochemia krwi konserwowanej. II. Zdolnosc wiązania tlenu i dwutlenku wegla. Biochemistry of stored blood. II. Oxygen and carbon dioxide binding capacity ACTA PHYSIOL. POLON. 1953, 4/1-2 (155-158) Graphs 4

The oxygen capacity of blood preserved with acid citrate dextrose with antiseptics added did not change during 2 months storage. The oxygen and carbon dioxide content diminished slightly along with the carbon dioxide binding power.

Wehr - Warsaw

SO: EXCERPTA MEDICA - Section II, Vol. 7, No. 10

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New method of determination of dextran in blood, urine, and tissue.  
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(Director--Prof. A. Hausmann, M.D.), Warsaw.